



Environmental Fate, Transport and Remediation of Metal and Organic Contamination

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Message from the Guest Editors

Dear Colleagues,

Metal and organic compound contamination is a persistent problem at many sites worldwide. Their presence in groundwater and soils poses significant threat to human health and ecological systems. The fate and transport of contaminants in subsurface environments can be quite complex because of various physical, chemical, and biological processes as well as the chemical form and speciation of the metal. To understand the risk and develop remedial strategies, a rigorous understanding of geochemistry that influences the distribution, speciation, and transport is needed. Though advances have been made in understanding the fate, transport, and remediation of metals and organic compounds in the subsurface, fundamental synergistic mechanisms need to be further explored to develop effective, inexpensive, green, and sustainable remediation technologies. Sustainable development of green technologies and cleanup strategies can also help to increase environmental protection. This Special Issue welcomes manuscripts that encompass emerging techniques, technologies, and strategies dealing with various aspects of assessing and remediating contaminants in soils and groundwater.





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